

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method comprising:
receiving a ~~voice~~ signal from a source over a network;
preprocessing the signal to determine ~~determining~~ a transmission destination
~~associated with the received signal;~~
determining a signal processing algorithm from a plurality of signal processing
algorithms based on the transmission destination ~~determined address;~~
processing the voice signal according to the determined algorithm; and
sending the processed signal to the associated address.
2. (Currently Amended) The method of claim 1, wherein determining the processing
algorithm comprises finding in memory a signal processing algorithm that is configured to
~~associated with~~ optimize the signal for the determined transmission destination ~~determined~~
~~address.~~
3. (Currently Amended) The method of claim 1, further comprising:
determining the originator of the voice signal, if the determined transmission
destination is a human recipient; and
if the determined originator is a computer-based system, alerting the recipient that the
voice signal is from a computer-based system.
4. (Currently Amended) A method comprising:
selecting an address for a voice transmission;
receiving at a user input unit a phonation inputted for the voice transmission;
preprocessing the voice transmission based upon the selected address;

if the selected address is associated with a speech recognition device, processing the received phonation at the user input unit according to an algorithm associated with the speech recognition device and sending the processed phonation to the selected transmission destination; and

if the selected address is not associated with a speech recognition device, sending the received phonation to the selected transmission destination according to a delivery method associated with human recipients.

5. (Currently Amended) The method of Claim 4, further comprising:

switching the destination from a transmission destination associated with a human recipient to a transmission destination associated with a speech recognition device;

sending a switch signal to the user input unit based on the switched transmission destination; and

sending the received phonation to the selected transmission destination according to a delivery method associated with human recipients.

6. (Currently Amended) The method of Claim 4, further comprising:

switching the transmission destination from a transmission destination associated with a speech recognition device to a transmission destination associated with a human recipient;

sending a switch signal to the user input unit based on the switched transmission destination; and

processing the received phonation according to an algorithm associated with the speech recognition device and sending the processed phonation to the selected transmission destination; ~~and~~

7. (Currently Amended) A method comprising:

sending a signal from a user input source to a transmission destination according to an address associated with a ~~to be~~ generated phonation and preprocessing the signal to generate a change signal; and

if the transmission destination is a speech recognition server, sending a the change signal from the transmission destination to the user input source, generating a phonation for reception by a speech recognition server, and sending the newly processed phonation, otherwise generating a phonation at the user input source for reception by a human recipient.

8. (Currently Amended) A computer-based device comprising:

a receiving component configured to receive a voice signal from a source over a network;

a preprocessing ~~processing~~ component configured to determine a transmission destination address associated with the received signal, determine a signal processing algorithm from a plurality of signal processing algorithms based on the determined address, and process the voice signal according to the determined algorithm; and

a delivery component configured to send the processed signal to the associated address.

9. (Currently Amended) The device of Claim 8, further comprising memory configured to store addresses with an associated signal processing algorithm, wherein the processing component finds in memory a signal processing algorithm that is associated with optimizing the signal for transmission to the determined transmission destination address.

10. (Original) The device of Claim 8, further comprising an alert component configured to alert the recipient that the voice signal is from a computer-based system, if the source is a computer-based system.

11. (Currently Amended) A computer-based device comprising:

- a first preprocessor component configured to select an address for a voice transmission;
- a second preprocessor component configured to receive a phonation inputted at a user input for the voice transmission;
- a third preprocessor component configured to process the received phonation according ~~aeoord~~ to an algorithm associated with a speech recognition device, if the selected address is associated with a speech recognition device and send the processed phonation to ~~a the~~ selected transmission destination; and
- a fourth preprocessor component configured to send the received phonation to the selected transmission destination according to a delivery method associated with human recipients, if the selected address is not associated with a speech recognition device.

12. (Currently Amended) A computer-based device comprising:

- a first preprocessor component configured to process a phonation at a user input source for reception by a human recipient;
- a second preprocessor component configured to send the processed phonation to a transmission destination according ~~aeoord~~ to an address associated with the phonation;
- a third preprocessor component configured to receive a change signal from the transmission destination; and
- a fourth preprocessor component configured to process a next phonation for reception by a speech recognition server according to a received change signal, and send the newly processed phonation to the transmission destination.

13. (Currently Amended) An apparatus comprising:

- means for receiving a voice signal from a source over a network;

means for preprocessing the signal to determine ~~determining~~ a transmission destination associated with the received signal;

means for determining a signal processing algorithm from a plurality of signal processing algorithms based on the determined address;

means for processing the voice signal according to the determined algorithm; and

means for sending the processed signal to the associated address.

14. (Currently Amended) An apparatus comprising:

means for selecting an address for a voice transmission;

means for receiving a phonation inputted for the voice transmission;

means for preprocessing the voice transmission based on transmission destination;

if the selected address is associated with a speech recognition device, means for processing the received phonation at a user input unit according to an algorithm associated with the speech recognition device and means for sending the processed phonation to the selected transmission destination; and

if the selected address is not associated with a speech recognition device, means for sending the received phonation to the selected transmission destination according to a delivery method associated with human recipients.

15. (Currently Amended) An apparatus comprising:

means for processing a phonation at a user input source for reception by a human recipient;

means for sending the processed phonation to a transmission destination according to an address associated with the phonation; and

if the destination is a speech recognition server, means for sending a change signal from the transmission destination to the user input source, means for processing a

next phonation for reception by a speech recognition server, and means for sending the newly processed phonation.

16. (New) A method comprising:

receiving a signal from a source over a network;
preprocessing the signal to determine a transmission destination;
searching a stored memory for the transmission destination in order to match the transmission destination to a signal processing algorithm from a plurality of signal processing algorithms;
executing an optimization algorithm on the signal; and
transmitting the optimized signal to the transmission destination.

17. (New) The method of Claim 16, wherein the signal is transmitted using dual tone multiple frequency tones.